

## News of the Month

ference have been extended to 44 leading research scientists in Europe, South Africa, Australia, Latin America, and the United States. Howard I. Cole, conference secretary, is in charge of arrangements and Ted Byerly of the Agricultural Research Center at Beltsville, Md. is chairman of the NAS-NRC committee which is planning the program for the meeting.

"It is anticipated," says Dr. Byerly, "that this conference will bring world-wide information on the impact of antibiotics in the field of animal nutrition and food production up to date. We here in this country have made great strides in their use in feeding formulas, and there is indication that their impact will be equally great in the vegetable and processing fields. Primarily this conference will concern itself with their effects upon plants and animals which provide our food."

According to Dr. Cole, invitations to participate have been extended to scientists in the U. S. and 13 other countries, all of them research workers who have contributed important results in the antibiotic field, and reports to date indicate that acceptances will be nearly 100%.

Cooperating in the entire project will be the Agricultural Research Service of

the Department of Agriculture, and Secretary Benson is making plans to attend.

After the scientific sessions have been completed, the cooperating companies will sponsor a series of field trips for the visiting scientists which will include a visit to the Pfizer Experimental Farm at Terre Haute, Ind., Purdue University; USDA's Utilization Research Laboratory at Peoria, Ill., and the American Cyanamid, Merck, and Squibb laboratories in New Jersey and New York.

### CALENDAR

**American Chemical Society.** 128th National Meeting. Minneapolis, Minn., Sept. 11-16.

**American Oil Chemists' Society.** Bellevue-Stratford Hotel, Philadelphia, Pa. Oct. 10-12.

**Fertilizer Section, National Safety Council.** LaSalle Hotel, Chicago, Ill. Oct. 17-18.

**International Conference on the Use of Antibiotics in Agriculture.** Washington, D. C., Oct. 19-21.

**World Symposium on Applied Solar Energy.** Westward Ho Hotel, Phoenix, Ariz. Nov. 1-5.

## Aerial Application to Be Discussed at NATA Meet

The annual convention of the National Aviation Trades Association will be held at the Hotel Westward Ho, Phoenix, Ariz., Nov. 8 to 10. Aerial dusting and spraying is one of the topics on the program. Frank Shelton of Anderson Aviation, Phoenix, is chairman of the convention committee.

## PEOPLE

### Brown Honored by Carbohydrate Division

**Kenneth R. Brown**, vice president of Atlas Powder, has been chosen to receive the honor award of the American Chemical Society's Division of Carbohydrate Chemistry. The award will be presented at the division's dinner on Sept. 14 during the 128th ACS meeting in Minneapolis.

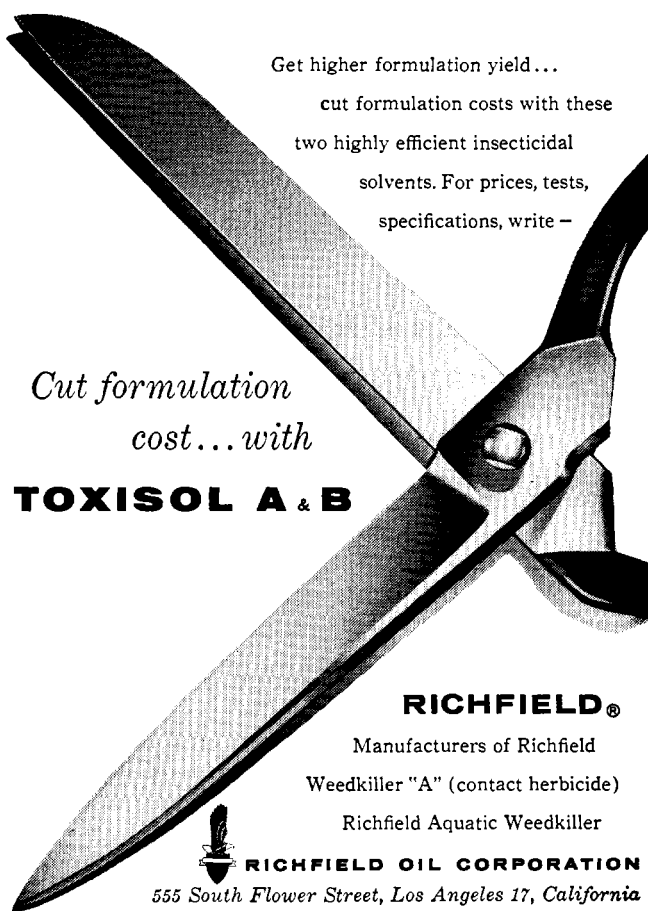


This is the second award won by Mr. Brown this year—earlier he received the 1955 honor award of the Commercial Chemical Development Association. The ACS award goes to him for his work in the development of sorbitol, a sugar derivative used as a moisture conditioning agent in candy, cosmetics, pharmaceuticals, and tobacco.

**Richard A. Benedict** has been appointed manager of the industrial antibiotics section of Pfizer's technical service department. Two other new section managers in the department are: **Robert C. Ottke**, development section; and **John K. Shaw**, industrial section.

**Louis H. Wilson**, secretary and director of information for the national Plant Food Institute, has received the Reuben Brigham Award of the American Association of Agricultural College Editors "for meritorious service to Agriculture." The award is given annually to a nonmember of the association in the fields of agriculture or home economics who has made outstanding contributions in the public relations and journalism professions.

**Earl Auerbach**, assistant histochemist on the research staff of the American Meat Institute Foundation, has been appointed administrative assistant to H. R. Kraybill, Foundation vice president and director of research and education.




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two highly efficient insecticidal  
solvents. For prices, tests,  
specifications, write -

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# Pipeline

*from an ocean of brine...*

## BORAX

Sodium Tetraborate,  
technical 99.5%  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$   
in coarse and fine granular  
and powdered grades  
BORIC ACID  
PYROBOR®—Dehydrated Borax  
V-BOR\*—Refined  
Pentahydrate Borax

From fabulous Searles Lake at  
Trona, California, come  
basic chemicals indispensable  
to Industry and Agriculture.

## POTASH

Agricultural Muriate  
95-98% KCl,  
Chemical Muriate 99.5% KCl,  
and Sulphate 95-98%  
 $\text{K}_2\text{SO}_4$

## American Potash & Chemical Corporation

Offices: 3030 West Sixth Street, Los Angeles 54, California  
99 Park Avenue, New York 16, New York  
214 Walton Building, Atlanta 3, Georgia

Export Division 99 Park Avenue, New York 16, New York

Plants Trona and Los Angeles, California;  
San Antonio, Texas



## SODA ASH

Sodium Carbonate,  
technical 99.2%  $\text{Na}_2\text{CO}_3$   
58%  $\text{Na}_2\text{O}$  in  
granular and fine  
granular grades

## SALT CAKE

Sodium Sulphate  
Anhydrous, 97.0%  
 $\text{Na}_2\text{SO}_4$  minimum, in  
regular and industrial  
grades

## LITHIUM

Lithium Carbonate,  
Lithium Chemicals,  
Lithium Ores



\*Trade Mark AP&CC

Producers also of—BROMINE CHEMICALS, and a diversified line of specialized agricultural, refrigerant and industrial chemicals

The agricultural chemicals division of Shell Chemical has announced the following five staff changes: **L. C. Smith**, from assistant to the sales manager to manager of the newly created distribution-operations department; **W. E. McCauley**, from head of product and sales development to assistant to the sales manager; **C. C. Compton**, new manager of sales development; **H. H. Dodge**, from senior district representative in St. Louis to supervisor for sales development in the Midwest; and **J. F. White**, sales manager for the newly established Delta-Houston district office at Jackson, Miss.

**Richard F. Brown**, general works manager for Spencer Chemical, has been elected a vice president of the company. **John R. Brown, Jr.** has been named managing director of the new division of research and development.

**Leonard Broadbent**, entomologist and plant pathologist at the Rothamsted Experimental Station in England, came to the U. S. last month for a three-and-a-half-month program of study and research at the Connecticut Agricultural Experiment Station.

**Calvin C. Dorough**, former plant manager for Best Fertilizer, has joined California Spray-Chemical as superintendent of fertilizer manufacturing.

**Edward N. Learner** has been appointed senior product engineer in charge of biochemical sales development for B. F. Goodrich Chemical Co. He will be responsible for development of insecticide, fungicide, sterilizing agent, and preservative sales. Formerly a technical representative of the company, Dr. Learner joined Goodrich in 1952.

**David H. Dawson**, assistant general manager of the Du Pont textile fibers department, has been elected director, vice president, and member of the company's executive committee.

**George Brown** has been named manager of Pennsalt's Paulsboro, N. J., plant, which produces commercial fertilizers, phosphoric and sulfuric acids, and water conditioning chemicals and is part of the I. P. Thomas Division.

**George L. Innes**, former sales manager of Jefferson Chemical Co., has joined Climax Molybdenum as manager of chemical sales.

**James A. Hughes** has been elected treasurer of Diamond Alkali to succeed **Arthur W. Crossley**, who is leaving Diamond. Hughes has been vice president and general manager of the Bryant Heater Division of Affiliated Gas Equipment, Inc., for the past five years.

**Julius W. Diechert**, former biochemist at Texas A&M, has joined the staff of USDA's Southern Regional Research Laboratory, New Orleans, as project leader on chemical investigations.

**Herman Brown**, formerly of Lowell Technological Institute, has joined A. E. Staley Mfg. Co. as research chemist in the technical service department.

**Henry E. Wessel**, associated with Midwest Research Institute since 1952, has joined the engineering division of International Minerals & Chemical Corp. as assistant to the vice president.

**Paul L. Weller**, manager of market research for Spencer Chemical Co., has been named assistant to Joe E. Culpepper, vice president in charge of sales.

**Oliver F. Senn** has been promoted from assistant chairman of the chemistry department of Stanford Research Institute to chairman.

**Cedric R. Bunten**, formerly with Borden's special products division, has joined Philip R. Park, Inc., California manufacturer of livestock and poultry feed supplements, as assistant to the president. He will be responsible for all administrative functions and direct sales and distribution activities of the company.

**E. J. Fox** has been appointed assistant works manager of Carbide & Carbon Chemicals Co., division of Union Carbide.

**Francis Joseph Weiss**, food and nutrition consultant, has left for Managua to join the U. S. Operations Mission to Nicaragua. Dr. Weiss will assist in development of Nicaraguan agricultural and natural resources.

**John V. Luck**, formerly at Pabst Brewing Co.'s research laboratories, has joined the central laboratories of General Foods as assistant technologist in phytochemistry.

**Frederick W. Adams** has been named director of the department of chemistry of Continental Can's research and engineering division. He was formerly research and development director of the company's Millsplastic Division.

**Verne F. Bliss** has been assigned by Du Pont to the newly created position of agricultural service and development specialist for Brazil, Uruguay, and Argentina. He has been technical service representative for Du Pont agricultural chemicals in the southern U. S. In addition, **Milton E. Gertsch**, Du Pont

agricultural chemicals representative for the West Indies, is extending his territory to include Central America.

**D. P. Lewis**, secretary of H. D. Hudson Mfg. Co., has been elected president of the National Sprayer & Duster Association.

Members of two USDA research teams have received Superior Service Awards—one for discovering how to recover valuable fruit flavors normally lost in preserve manufacturing and the other for developing a process which prevents stream pollution by dairy wastes. Those on the flavor team are: **Roderick K. Eskew**, **Nicolas C. Aceto**, **R. Henry Morris**, **Joseph B. Claffey**, **Clifford S. Redfield**, **Wister U. Hyde**, **Nelson H. Eisenhardt**, **John H. Skalamera**, and the late **G. W. Macpherson Phillips**. The dairy waste research team members are: **Sam R. Hoover**, **Nandor Porges**, **Lenore Jasewicz**, and **Janet B. Pepinsky**.

**Charles S. Maddock**, a member of the lawyers committee of the National Agricultural Chemicals Association, has been promoted from assistant director to director of the legal department of Hercules Powder. He succeeds **John R. L. Johnson, Jr.**, who has been elected to a vice presidency of Hercules. Also elected a vice president is **Wyly M. Billing**, who has been succeeded as general manager of Hercules synthetic department by **Henry A. Thouron**, former assistant general manager of the department.

**Wallace E. Gordon**, assistant director of sales for Du Pont's Grasselli Chemicals Department, has been named director of the company's advertising department. Succeeding him as assistant director of Grasselli sales is **W. James Latimore**, the Chicago district sales manager since 1952.

## DEATHS

**William J. Hale**, Dow Chemical consulting chemist, died Aug. 8 at the age of 79. Dr. Hale, widely known as the father of chemurgy and author of many books on chemurgy, was an associate professor of chemistry at the University of Michigan until 1917, when he joined Dow as a research chemist. Dr. Hale was married to Helen Dow, daughter of Dow's founder; she died in 1918. Holder of 45 Dow patents, including such developments as processes for increasing production of indigo, chloroacetic acid, and phenylethyl alcohol, he founded Dow's organic research laboratory and directed it until 1934 when he became a company consultant.